

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

SANG-KUG YI *et al.*

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 1 October 2003

Art Unit: *to be assigned*

For: HOME ROBOT USING SUPERCOMPUTER, AND HOME NETWORK SYSTEM  
HAVING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop Patent Application**

Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites and provides copies of the following art references:

1. U.S. Patent No. 6,584,376 to Van Kommer, entitled *MOBILE ROBOT AND METHOD FOR CONTROLLING A MOBILE ROBOT*, issued on June 24, 2003;
2. U.S. Patent No. 6,577,924 to Kasuga *et al.*, entitled *ROBOT MANAGING SYSTEM, ROBOT MANAGING METHOD, AND INFORMATION MANAGING DEVICE*, issued on June 10, 2003;
3. U.S. Patent No. 6,560,511 to Yokoo *et al.*, entitled *ELECTRONIC PET SYSTEM, NETWORK SYSTEM, ROBOT, AND STORAGE MEDIUM*, issued on May 6, 2003;
4. U.S. Patent No. 6,507,773 to Parker *et al.*, entitled *MULTI-FUNCTIONAL ROBOT WITH REMOTE AND VIDEO SYSTEM*, issued on January 14, 2003; and
5. Korean Patent Publication No. 1020010013048 to Jung *et al.*, entitled

*MULTIPURPOSE HOME PERSONAL ROBOT*, published on March 5, 2001.

Van Kommer '376 pertains to a mobile robot which includes an autonomous displacement device, a microphone, a loudspeaker, a mobile telephone module, and a voice analysis module able to interpret voice commands through the mobile telephone module to control the displacements of the mobile robot.

Kasuga *et al.* '924 pertains to a robot-related information held at a robot user and data held at a robot manufacturer as well as to enhance the user's sense of attachment to the robot.

Yokoo *et al.* '511 pertains to an electronic pet with more reality using various types of devices.

Parker *et al.* '773 pertains to a robot which incorporates a body, two arms, two legs, several sensors, an audio system, a light assembly, and a video device.

Jung *et al.* '048 pertains to a multipurpose home personal robot which enables everybody to easily contact with a computer for convenience by adding the function of the robot to the computer.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "R. Bushnell", written over a horizontal line.

Robert E. Bushnell

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Date: 1 October 2003  
I.D.: REB/kf

<b>INFORMATION DISCLOSURE STATEMENT</b> <b>PTO-1449 (PAGE 1 OF 1)</b>	SERIAL NUMBER	DOCKET NO. P56912
	APPLICANT Sang-Kug Yi <i>et al.</i>	
	FILING DATE -1 October 2003	GROUP

### U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,584,376	6/03	Van Kommer			
	6,577,924	6/03	Kasuga et al.			
	6,560,511	5/03	Yokoo et al.			
	6,507,773	1/03	Parker et al.			

### FOREIGN PATENT DOCUMENTS

#### TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	1020010016048	3/2001	Republic of Korea (KR)			Abstract	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.